

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

23. (Currently amended) An electrical device, comprising:
at least one layer, the layer having ~~at least two regions, the regions comprising:~~ at least one conductive pattern formed from a ~~sintered~~ conductive material; and
at least one insulating region at least partially surrounding the conductive pattern, the insulating region comprising ~~electrically isolated~~ nanoparticles encapsulated within insulative shells.

24 (Currently amended) The device of claim 23, wherein the insulative shells nanoparticles are ~~electrically isolated by~~ insulating capping groups.

25 (Previously submitted) The device of claim 24, wherein the capping groups comprise a hydrocarbon.

26 (Previously submitted) The device of claim 23, wherein the conductive material comprises nanoparticles, and the conductive pattern comprises sintered nanoparticles.